AMENDMENTS TO THE CLAIMS

Claims 1-32 (Canceled)

Claim 33. (Currently Amended) A data transmitting method of a mobile wireless communication system in which a transmitter side adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side detects ~~the reception~~ total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the data transmitting method comprising:

locating the preamble ~~for detecting~~ whose total reception power ~~intensity~~ is detected in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 34. (Currently Amended) A data transmitting method of a transmitter in use with a mobile wireless communication system in which a transmitter side adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side ~~detects the~~ detects total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the data transmitting method comprising:

locating the preamble ~~for detecting~~ whose total reception power ~~intensity~~ is detected in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 35. (Currently Amended) A data receiving method of a receiver in use with a mobile wireless communication system in which a transmitter adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side ~~detects the~~ detects total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the data receiving method comprising:

receiving the transmission signal in which the preamble whose total ~~for detecting~~ reception power is detected ~~intensity~~ in the receiver side is located preceding to the transmission data in the transmitter side and a random pattern is used for the preamble; and

detecting the total reception power ~~intensity by use~~ of the preamble.

Claim 36. (Currently Amended) A mobile wireless communication system in which a transmitter side adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side ~~detects the~~ detects total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the mobile wireless communication system comprising:

a preamble adder which locates the preamble ~~for detecting~~ whose total reception power ~~intensity~~ is detected in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 37. (Currently Amended) A transmitter in use with a mobile wireless communication system in which a transmitter side adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side ~~detects the~~ detects total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the transmitter comprising:

a preamble adder which locates the preamble ~~for detecting~~ whose total reception power ~~intensity~~ is detected in the receiver side preceding to the transmission data, wherein a random pattern is used for the preamble.

Claim 38. (Currently Amended) A receiver in use with a mobile wireless communication system in which a transmitter side adds a preamble ~~for detecting reception power intensity in a receiver side~~ to transmission data, and sends the resultant signal as a transmission signal, and the receiver side ~~detects the~~ detects total reception power ~~intensity by use~~ of the preamble contained in the transmission signal, the receiver comprising:

a reception unit which receives the transmission signal in which the preamble ~~for detecting~~ whose total reception power ~~intensity~~ is detected in the receiver side is located preceding to the transmission data in the transmitter side and a random pattern is used for the preamble; and

a detection unit which detects the total reception power ~~intensity by use~~ of the preamble.